

**IN THE UNITED STATES PATENT  
AND TRADEMARK OFFICE**

Serial No. : 10/541,228  
Applicants : Keiji HASUMI et al.  
Filed : June 29, 2005  
For : AFFINITY TRAP REACTOR AND  
SINGLE-STEP PROCESS FOR  
PURIFYING ANGIOSTATIN-LIKE  
FRAGMENT FROM HUMAN PLASMA...  
Art Unit : 1614  
Docket No. : 05360/HG  
Confirm. No.: 4548  
Customer No.: 01933

**REPLY TO NOTIFICATION TO COMPLY WITH  
REQUIREMENTS FOR PATENT APPLICATIONS  
CONTAINING NUCLEOTIDE AND/OR AMINO  
ACID SEQUENCE DISCLOSURES**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**Attention: Barbara A. Campbell**

S I R :

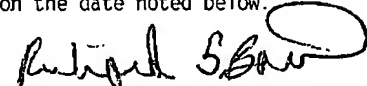
This is in reply to the NOTIFICATION TO COMPLY WITH  
REQUIREMENTS FOR PATENT APPLICATIONS CONTAINING NUCLEOTIDE AND/OR  
AMINO ACID SEQUENCE DISCLOSURES mailed February 23, 2006, a  
response to which is due on April 23, 2006. A copy of said  
NOTIFICATION is being transmitted herewith.

**CERTIFICATE OF FACSIMILE  
TRANSMISSION**

PTO NO. 1-571-273-8300  
1-571-273-9886

TOTAL PAGES: 5

I hereby certify that this  
paper is being facsimile  
transmitted to the  
Commissioner for Patents  
on the date noted below.

  
Attorney: Richard S. Barth

Dated: March 16, 2006

In the event that this Paper  
is late filed, and the  
necessary petition for  
extension of time is not filed  
concurrently herewith, please  
consider this as a Petition  
for the requisite extension of  
time, and to the extent not  
tendered by check attached  
hereto, authorization to  
charge the extension fee,  
or any other fee required  
in connection with this  
Paper, to Account No. 06-1378.

Said NOTIFICATION stated the following:

"This application does not contain, as a separate part of the disclosure on paper copy, a 'Sequence Listing' as required by 37 CFR 1.821(c). Applicant must provide an initial paper or compact disc copy of the 'Sequence Listing.'"

\* \* \*

A copy of the 'Sequence Listing' in computer readable form has not been submitted as required by 37 CFR 1.821(e)."

A Sequence Listing is not required for the following reasons.

37 CFR 1.821(a) defines a nucleotide and an amino acid in context of requiring a Sequence Listing as follows:

"Nucleotide and/or amino acid sequences as used in §§1.821 through 1.825 are interpreted to mean an unbranched sequence of four or more amino acids or an unbranched sequence of ten or more nucleotides."

The above-identified application does not contain an unbranched sequence of four or more amino acids or an unbranched sequence of ten or more nucleotides. Accordingly, a Sequence Listing is not required.

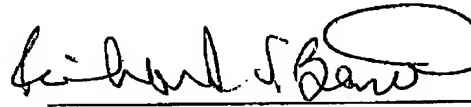
The only disclosure of any amino acids or nucleotides in the above-identified application are on page 2, line 6 (Glu<sup>1</sup>-Ser<sup>441</sup>)

and page 2, lines 8 and 9 (Val<sup>442</sup>-Asn<sup>791</sup>). However, Glu<sup>1</sup>-Ser<sup>441</sup> and Val<sup>442</sup>-Asn<sup>791</sup> each do not recite a sequence of four or more amino acids, but rather two amino acids (one amino acid occurring at the beginning of a sequence and one amino acid occurring at the end of a sequence).

In view of the above, withdrawal of the requirement to submit a Sequence Listing is respectfully requested.

Respectfully submitted,

Frishauf, Holtz, Goodman  
& Chick, P.C.  
220 Fifth Ave., 16th Floor  
New York, NY 10001-7708  
Tel. No.: (212) 319-4900  
Fax No.: (212) 319-5101

  
Richard S. Barth  
REG. NO. 28,180

E-Mail Address: BARTH@FHGC-LAW.COM  
RSB/ddf

Enc.: copy of NOTIFICATION TO COMPLY WITH REQUIREMENTS FOR  
PATENT APPLICATIONS CONTAINING NUCLEOTIDE AND/OR AMINO  
ACID SEQUENCE DISCLOSURES dated February 23, 2006

MAR. 16. 2006 11:59AM

Frishauf &amp; Partners +12123195101

 Rec'd PCT/PJ 16 MAR 2006  
 NO. 9402 Page 5 of 2


## UNITED STATES PATENT AND TRADEMARK OFFICE

 UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
 www.uspto.gov

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/541,228	Keiji Hasumi	05360/HG

INTERNATIONAL APPLICATION NO.	
PCT/JP03/00338	
LA. FILING DATE	PRIORITY DATE
01/17/2003	

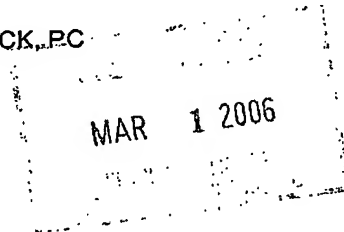
1933

FRISHAUF, HOLTZ, GOODMAN &amp; CHICK, PC

220 Fifth Avenue

16TH Floor

NEW YORK, NY 10001-7708



CONFIRMATION NO. 4548

371 FORMALITIES LETTER



\*OC000000018060761\*

Due 04/23/06

Date Mailed: 02/23/2006

### NOTIFICATION TO COMPLY WITH REQUIREMENTS FOR PATENT APPLICATIONS CONTAINING NUCLEOTIDE AND/OR AMINO ACID SEQUENCE DISCLOSURES

Applicant is given **TWO MONTHS FROM THE DATE OF THIS NOTICE** within which to file the items indicated below to avoid abandonment. Extensions of time may be obtained under the provisions of 37 CFR 1.136(a).

- This application does not contain, as a separate part of the disclosure on paper copy, a "Sequence Listing" as required by 37 CFR 1.821(c). Applicant must provide an initial paper or compact disc copy of the "Sequence Listing", as well as an amendment specifically directing its entry into the application and a statement that the content of the sequence listing information recorded in computer readable form is identical to the written (on paper or compact disc) sequence listing and, where applicable, includes no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b), or 1.825(d). If the effective filing date is on or after September 8, 2000, see the final rulemaking notice published in the Federal Register at 65 FR 54604 (September 8, 2000) and 1238 OG 145 (September 19, 2000).
- A copy of the "Sequence Listing" in computer readable form has not been submitted as required by 37 CFR 1.821(e). If the effective filing date is on or after September 8, 2000, see the final rulemaking notice published in the Federal Register at 65 FR 54604 (September 8, 2000) and 1238 OG 145 (September 19, 2000). Applicant must provide an initial computer readable form (CRF) copy of the "Sequence Listing" and a statement that the content of the sequence listing information recorded in computer readable form is identical to the written (on paper or compact disc) sequence listing and, where applicable, includes no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b), or 1.825(d). If applicant desires the sequence listing in the instant application to be identical with that of another application on file in the U.S. Patent and Trademark Office, such request in accordance with 37 CFR 1.821(e) may be submitted in lieu of a new CRF.

Applicant is cautioned that correction of the above items may cause the specification and drawings page count to exceed 100 pages. If the specification and drawings exceed 100 pages, applicant will need to submit the required application size fee.

For questions regarding compliance to 37 CFR 1.821-1.825 requirements, please contact:

- For Rules Interpretation, call (571) 272-0951
- For Patentin Software Program Help, call Patent EBC at 1-866-217-9197 or directly at 703-305-3028 / 703-308-6845 between the hours of 6 a.m. and 12 midnight, Monday through Friday, EST.
- Send e-mail correspondence for Patentin Software Program Help @ [ebc@uspto.gov](mailto:ebc@uspto.gov)

MAR. 16. 2006 12:00PM

Frishauf & Partners +12123195101

Rec'd PCT/DO 16 MAR 2006  
NO. 9402 Page 5 of 2

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

BARBARA A CAMPBELL

Telephone: (703) 308-9140 EXT 217

PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/541,228	PCT/JP03/00338	05360/HG

FORM PCT/DO/EO/922 (371 Formalities Notice)